
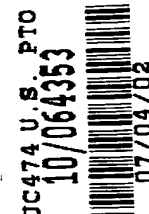


Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 16243
Application ID: 10064353
Title of Invention: SCANNER WHICH HAS
COMPENSATION ELEMENTS TO
INCREASE ITS SCANNING SPEED
First Named Inventor: Chang-Lin Pi
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-07-04
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: AVIP0018USA
Digital Certificate Holder: cn=Winston Hsu, ou=Registered Attorneys, ou=Patent and
Trademark Office, ou=Department of Commerce, o=U.S.
Government, c=US
Certificate Message Digest: INtFcL9wzbU3IlzU8Jz32Q==
Total Fees Authorized: \$780.0
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Deposit Account Number: 500801
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TRANSMITTAL FORM



Electronic Version 1.0.3

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Submission Type: Utility
Patent Filing

Attorney Docket
Number:

AVIP0018USA

SCANNER WHICH HAS COMPENSATION ELEMENTS TO INCREASE ITS SCANNING SPEED

First Named Inventor: Chang-Lin Pi

SUBMITTED BY

Name:	Mr. Winston Hsu
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Electronic Signature Mark: Winston Hsu	Date Signed: 20020705
Name:	Mr. Mord Michael Lewis
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Electronic Signature Mark: Mord Michael Lewis	Date Signed: 20020705

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration	AVIP0018DEC1.TIF
declaration	AVIP0018DEC2.TIF
specification	AVIP0018.xml
bibd-transmittal	AVIP0018apds.xml
patent-assignments	AVIP0018asgn.xml
fee-transmittal	AVIP0018fee.xml

Attached Image File(s):

AVIP0018DEC1.TIF
AVIP0018DEC2.TIF

Comments:

PATENT

Docket No : AVIP0018USA

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor , I hereby declare that :

I believe I am the sole (if only one name appears below) , or joint (if more than one name appears) , original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled :

"SCANNER WHICH HAS COMPENSATION ELEMENTS TO INCREASE ITS SCANNING SPEED"

 + The specification for the above entitled invention is filed herewith.

 The specification for the above entitled invention was filed previously

with application serial number: Filing Date:

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of the invention disclosed in this application in accordance with Title 37, Code of Federal Regulations, Section 1.56 (a). I further acknowledge the duty in any continuation-in-part application to disclose to the Patent and Trademark Office all information known to be material to the patentability of the invention disclosed in this application, as defined in 1.56, which became available to me between the filing date of the prior application and the filing date of this application.

PRIORITY CLAIM

 There is no claim of priority

 + Claim of priority is based on the following:

 Filing No. in Taiwan, R.O.C. = 090214905
 Filing Date in Taiwan, R.O.C. = 2001/8/30

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorneies to prosecute this application and to transact all related business in the Patent and Trademark Office:

Winston Hsu	Registration# 41,526	WinstonHsu@naipo.com.tw
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DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued hereon.

Date: January 8, 2002 Chang-Lin Pi
 Printed Name: Chang-Lin Pi
 Post Office Address: No.151, Lane Jen-Yung W., Jen-Ho Tsun, Jen-Wu
 and Residence: Hsiang, Kao-Hsiung Hsien, Taiwan, R.O.C.
 Citizen of: R.O.C.

Date: _____
 Printed Name: _____
 Post Office Address: _____
 and Residence: _____
 Citizen of: _____

Date: _____
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 and Residence: _____
 Citizen of: _____

Date: _____
 Printed Name: _____
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 and Residence: _____
 Citizen of: _____

Date: _____
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 Post Office Address: _____
 and Residence: _____
 Citizen of: _____

$$\begin{aligned} & \frac{\partial}{\partial t} \left(\rho \frac{\partial u}{\partial x} \right) + \frac{\partial}{\partial x} \left(\rho u \frac{\partial u}{\partial x} \right) = - \frac{\partial p}{\partial x} \\ & \frac{\partial}{\partial t} \left(\rho \frac{\partial v}{\partial y} \right) + \frac{\partial}{\partial y} \left(\rho v \frac{\partial v}{\partial y} \right) = - \frac{\partial p}{\partial y} \\ & \frac{\partial}{\partial t} \left(\rho \frac{\partial w}{\partial z} \right) + \frac{\partial}{\partial z} \left(\rho w \frac{\partial w}{\partial z} \right) = - \frac{\partial p}{\partial z} \end{aligned}$$

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Large Entity

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

[illegible]

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

Authorized Name: WINSTON HSU
Electronic Signature Mark: VAEB-JMXX-8IIL
Date Signed: 20020705

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 12	103	\$ 18	0	\$ 0
Independent Claims: 1	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40